

Appl. No. : 10/644,394
Filed : August 19, 2003

AMENDMENTS TO THE CLAIMS

WHAT IS CLAIMED IS:

1. (Original) A device for removing residual processed material from the surface of a roller, comprising:
 - a support structure, comprising:
 - a handle having a top palm contact surface, a bottom portion, and a stem portion having a pair of opposed longitudinal concave side surfaces and a pair of opposed substantially parallel latitudinal end surfaces, the surfaces of the stem portion extending from the perimeter of the top surface to the perimeter of the bottom portion,
 - a substantially wedge-shape deformable base attached to the handle bottom portion comprising opposed longitudinal wiper support surfaces and opposed end surface; and
 - hook and loop fasteners attached to the support structure.
2. (Original) The device of Claim 1, wherein the palm contact surface comprises a longitudinal raised center region.
3. (Original) The device of Claim 1, wherein the stem portion concave side surfaces comprise contact regions at least partially opposed to a portion of the top palm contact surface.
4. (Original) The device of Claim 1, wherein the base comprises high density foam.
5. (Original) The device of Claim 4, wherein the base comprises non-absorbent high density foam.
6. (Original) The device of Claim 1, wherein the opposed longitudinal wiper support surfaces intersect and form an edge at the lower portion of the base.
7. (Original) The device of Claim 1, wherein the base further comprises a flat bottom surface.
8. (Original) The device of Claim 1, wherein the base further comprises a concave bottom surface.
9. (Original) The device of Claim 1, wherein the base further comprises a convex lower surface.
10. (Original) The device of Claim 1, wherein the fasteners are attached to the support structure by heat sealing.

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11. (Original) The device of Claim 1, wherein the fasteners are attached to the support structure by an adhesive.
12. (Original) The device of Claim 1, wherein the fasteners are attached to the base by heat sealing.
13. (Original) The device of Claim 12, wherein the fasteners are attached to the upper regions and lower regions of the base.
14. (Original) The device of Claim 12, further comprising a wiper comprising hook and loop fasteners complementary to the fasteners attached to the support structure, wherein the fasteners attach the wiper to the support structure and the wiper covers at least a portion of the wiper support surfaces.
15. (Original) The device of Claim 14, further comprising a mechanical holding structure having surfaces that contact and hold the handle of the support structure and configured to position the wiper in contact with the processed material.
16. (Original) The device of Claim 15, wherein the holding structure comprises a cart.

Claims 17-20 CANCELED

21. (Original) A device for removing residual processed material from the surface of a roller, comprising:
 - a support structure, comprising:
 - a handle having a top palm contact surface, a bottom portion, and a stem portion having a generally cylindrical side surface extending between the perimeter of the top palm contact surface and the perimeter of the bottom portion, and
 - a deformable base attached to the handle and having a lower wiper support surface; and
 - a plurality of hook and loop fasteners attached to the wiper support surface of the base.
22. (Original) The device of Claim 21, wherein the base comprises high density non-absorbent high density foam.

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23. (Original) The device of Claim 21, wherein the fasteners are attached to the base by heat sealing.
24. (Original) The device of Claim 21, wherein the fasteners are attached to the base by an adhesive.
25. (Original) The device of Claim 21, further comprising a disc-shaped wiper that substantially covers the wiper support surface of the base and includes complementary hook and loop fasteners that attach to the corresponding fasteners attached to the wiper support surface.
26. (Original) The device of Claim 25, wherein the wiper comprises a contacting material and a backing material.
27. (Original) The device of Claim 26, wherein the contacting material comprises polyester and wherein the backing material comprises foam.
28. (Original) The device of Claim 26, wherein the backing material comprises UltraSORB®.
29. (Original) The device of Claim 25, wherein the wiper comprises an abrasive material.
30. (Original) The device of Claim 29, wherein the abrasive comprises polycarbonate.

Claims 31-38 CANCELED

39. (Original) A wiper, configured to be coupled with a surface cleaning device that includes a handle having a top palm contact surface, a bottom portion, and a stem portion with a pair of opposed longitudinal concave side surfaces and a pair of opposed substantially parallel latitudinal end surfaces, the surfaces of the stem portion extending from the perimeter of the top surface to the perimeter of the bottom portion, and a substantially wedge-shape deformable base having opposed longitudinal wiper support surfaces and opposed end surfaces attached to the handle bottom portion, and attached hook and loop fasteners, comprising:

material sized to substantially cover a wiper support surface of the cleaning device; and

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a plurality of hook and loop fasteners complementary to the fasteners of the cleaning device and correspondingly positioned to mate with the fasteners of the cleaning device to hold the wiper onto the cleaning device.

40. (Original) The device of Claim 39, wherein the material comprises contacting material and a backing material.

41. (Original) The device of Claim 40, wherein the contacting material comprises polyester and wherein the backing material comprises foam.

42. (Original) The device of Claim 40, wherein the contacting material comprises an abrasive material and the backing material comprises a deformable material.

43. (Original) The device of Claim 39, wherein the material comprises foam.

44. (Original) The device of Claim 39, wherein the material comprises UltraSORB®.

45. (Original) The device of Claim 42, where the deformable material is foam.

46. (Original) The device of Claim 39, wherein the wiper comprises an abrasive.

47. (Original) The device of Claim 46, wherein the abrasive comprises polycarbonate.

48. (Original) The device of Claim 39, wherein the wiper comprises cloth.